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L Number	Hits	Search Text	DB	Time stamp	7
1	6146		USPAT;	2003/06/23 11:19	-
-		(707/8,10,20,205) or (700/200) or	US-PGPUB;		
		(349/110)).CCLS.	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	18504437	@ad<=19991119 or @rlad<=19991119	USPAT;	2003/06/22 14:37	
			US-PGPUB;		
			EPO; JPO;		i
			DERWENT;		
	-	//www.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.	IBM_TDB USPAT;	2002/06/21 18:50	1
-	60		1	2003/06/21 18:59	,
		or (back\$4 adj up)) adj3 ((program or memory or database) adj2 state)	US-PGPUB; EPO; JPO;		
		memory of database, adjz state,	DERWENT;		
			IBM TDB		
	5	649310.ap.	USPAT;	2003/06/21 19:00	1
	, ,	049310.ap.	US-PGPUB;	2003/00/21 13:00	
			EPO; JPO;		ļ
			DERWENT;		
			IBM TDB		
_	1863	(Joshi).in.	USPAT;	2003/06/21 19:02	
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
			IBM TDB		
_	3	((Joshi).in.) and debug\$5.ab.	USPĀT;	2003/06/21 19:03	12/
		(((,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	US-PGPUB;		
			EPO; JPO;	non-	•
}			DERWENT;	The state of the s	
		•	IBM TDB		į
_	3765		USPAT;	2003/06/21 19:11	İ
		(state near5 (preserv\$5 or cop\$5 or stor\$4	US-PGPUB;		}
		or back\$4))	EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	113		USPAT;	2003/06/21 19:12	
		(modifi\$4 near5 (code or program or	US-PGPUB;		
		instruction\$1))	EPO; JPO;		
			DERWENT;		İ
			IBM_TDB	0000406401 10 17	1 1
-	19	1	USPAT;	2003/06/21 19:17	$ \nu $
		patch\$4)	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
	110	//d.m.=mi=0Fadi2_/3i=3c4amd_ama=ct04\\	IBM_TDB	2002/06/22 14:20	
_	118	((dynamic\$5 adj3 (link\$4 and execut\$4))	USPAT;	2003/06/22 14:38	
]		and (modifi\$4 near5 (code or program or instruction\$1))) or ((software adj4	US-PGPUB; EPO; JPO;		
		patch\$4) and (link\$4 near5 patch\$4))	DERWENT;		
		and ((repository or database or storage)	IBM TDB		
		near3 (program or code))	1011_100		0
_	47	· · · · · · · · · · · · · · · · · · ·	USPAT;	2003/06/21 19:19	
	1	and (modifi\$4 near5 (code or program or	US-PGPUB;	2000, 00, 22 23 23	
		instruction(1))) or ((software adj4	EPO; JPO;		
		patch\$4) and (link\$4 near5 patch\$4)))	DERWENT;		
		and ((repository or database or storage)	IBM TDB		
		near3 (program or code))	_		11/
_	4	(((database same (modifi\$5 or updat\$4))	USPAT;	2003/06/21 19:31	
		and (state near5 (preserv\$5 or cop\$5 or	US-PGPUB;		
		stor\$4 or back\$4))) and ((dynamic\$5 adj3	EPO; JPO;		İ
		(link\$4 and execut\$4)) and (modifi\$4 near5	DERWENT;		
		(code or program or instruction\$1)))) and	IBM_TDB		
		(@ad<=19991119 or @rlad<=19991119)			
_	5763	1	USPAT;	2003/06/21 19:20	
		or database))	US-PGPUB;		
			EPO; JPO;		
			DERWENT;		
1			IBM TDB	1	11.
	11	5999734.URPN.	USPAT	2003/06/21 19:23	1/

	1					_
_	. 47	((database or data or objects) near8 coherenc\$3) and (upgrad\$4 or patch\$4) and	USPAT; US-PGPUB;	2003/06/21	19:30	
		((persisten\$3 same (objects or repository	EPO; JPO;			
		or database)))	DERWENT;			
			IBM_TDB			
_	23	* * *	USPAT;	2003/06/21	19:56	1
		coherenc\$3) and (upgrad\$4 or patch\$4) and ((persisten\$3 same (objects or repository	US-PGPUB; EPO; JPO;			
		or database)))) and (@ad<=19991119 or	DERWENT;			
		@rlad<=19991119)	IBM TDB			
-	253		USPAT;	2003/06/21	19:46	
		<pre>patch or new) ajd3 (code or program))) same ((original or copy) near3 (program or</pre>	US-PGPUB;			
		code))	EPO; JPO; DERWENT;			
			IBM TDB			
-	6108	(((database same (modifi\$5 or updat\$4))	USPAT;	2003/06/22	14:36	
		and (state near5 (preserv\$5 or cop\$5 or	US-PGPUB;			
		stor\$4 or back\$4))) or ((persisten\$3 same	EPO; JPO;			
		(objects or repository or database)))) and (@ad<=19991119 or @rlad<=19991119)	DERWENT; IBM TDB			
_	12		USPAT;	2003/06/21	19.55	4
		or chang\$4) same (synchroni\$5 or	US-PGPUB;			
		persisten\$4)) and (dynamic\$4 near7 (link\$4	EPO; JPO;			
		or bind\$4))	DERWENT;			
1_	64	(test\$4 or simulation or persisten\$4).ab.	IBM_TDB USPAT;	2003/06/21	10.56	
	04	and ((modific\$4 or chang\$4) same (US-PGPUB;	2003/00/21	19.50	
İ		synchroni\$5 or persisten\$4)) and	EPO; JPO;	1		
		(dynamic\$4 near7 (link\$4 or bind\$4))	DERWENT;			İ
	60	///dah.aca	IBM_TDB	2002/06/01	10 50	1
-	60	(((debug\$4 or upgrad\$4).ab. and ((modific\$4 or chang\$4) same (USPAT; US-PGPUB;	2003/06/21	19:56	
		synchroni\$5 or persisten\$4)) and	EPO; JPO;			
		(dynamic\$4 near7 (link\$4 or bind\$4))) or	DERWENT;			
		((test\$4 or simulation or persisten\$4).ab.	IBM_TDB			
		and ((modific\$4 or chang\$4) same (
		synchroni\$5 or persisten\$4)) and (dynamic\$4 near7 (link\$4 or bind\$4)))) and				
		(@ad<=19991119 or @rlad<=19991119)				
_	1337	(persisten\$3 same (database or repository	USPAT;	2003/06/22	14:33	1
		or storage or file\$1)) and (debug\$4 or	US-PGPUB;			
		test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or	EPO; JPO; DERWENT;			
		developer\$1 or client\$1 or operator\$1 or	IBM TOB			
		author\$3))				
-	87		USPAT;	2003/06/22	14:36	
		access\$3) and (handle same process\$4)	US-PGPUB;			!
			EPO; JPO; DERWENT;			
			IBM TDB			۱,
-	21		USPAT;	2003/06/22	14:36	1
		or storage or file\$1)) and (debug\$4 or	US-PGPUB;			
		test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or	EPO; JPO;			
		developer\$1 or client\$1 or operator\$1 or	DERWENT; IBM TDB			
		author\$3))) and ((link\$4 same editor) and	13132			
		(open same access\$3) and (handle same				
		process\$4))				
_	6108	(((database same (modifi\$5 or updat\$4))	USPAT;	2003/06/22	14:37	
		and (state near5 (preserv\$5 or cop\$5 or stor\$4 or back\$4))) or ((persisten\$3 same	US-PGPUB; EPO; JPO;			
		(objects or repository or database)))) and	DERWENT;			
		(@ad<=19991119 or @rlad<=19991119)	IBM_TDB			
-	837	((persisten\$3 same (database or repository	USPAT;	2003/06/22	14:40	
}		or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and	US-PGPUB; EPO; JPO;			
		((multiple or multi) adj3 (user\$1 or	DERWENT;			i
		developer\$1 or client\$1 or operator\$1 or	IBM_TDB			
		author\$3))) and (@ad<=19991119 or	_			1
L	<u> </u>	@rlad<=19991119)				

-	614	((((database same (modifi\$5 or updat\$4))	USPAT;	2003/06/22 14:38	7
		and (state near5 (preserv\$5 or cop\$5 or	US-PGPUB;		
		stor\$4 or back\$4))) or ((persisten\$3 same	EPO; JPO;		
	Ì	(objects or repository or database)))) and	DERWENT;		
		(@ad<=19991119 or @rlad<=19991119)) and	IBM TDB		
		(((persisten\$3 same (database or			
		repository or storage or file\$1)) and			ì
		(debug\$4 or test\$4 or modification or			
		upgrad\$4) and ((multiple or multi) adj3			
		(user\$1 or developer\$1 or client\$1 or			
		operator\$1 or author\$3))) and			
		(@ad<=19991119 or @rlad<=19991119))			1
_	60539		USPAT;	2003/06/22 14:40	
		and (modifi\$4 near5 (code or program or	US-PGPUB:	2003/00/22 14.40	i
		instruction\$1 or file\$1))) or ((upgrad\$4	EPO; JPO;		ì
		or modification\$1 or patch\$4) and (link\$4	DERWENT;		
		or bind\$4)) and ((repository or database	IBM TDB		ì
		or storage) near3 (program or code or	100-100		Ì
		file\$1 or processes or data or object\$1 or			
		table\$1))			15
	20	(((persisten\$3 same (database or	USPAT:	2003/06/22 15:27	17.
	20	repository or storage or file\$1)) and	US-PGPUB;	2003/06/22 15:27	
			,		
		(debug\$4 or test\$4 or modification or	EPO; JPO;	İ	-
		upgrad\$4) and ((multiple or multi) adj3	DERWENT;		
		(user\$1 or developer\$1 or client\$1 or	IBM_TDB		
		operator\$1 or author\$3))) and ((link\$4			
		same editor) and (open same access\$3) and			
		(handle same process\$4))) and			
		(@ad<=19991119 or @rlad<=19991119)			
-	1209	((appl\$4 or insert\$4 or mak\$3 or effect\$4)	USPAT;	2003/06/22 15:31	
		adj3 (modification or upgrad\$4 or changes	US-PGPUB;		
		or edit\$4 or deletion\$1)) near6 (copy or	EPO; JPO;		
		clone\$1 or spare or copies)	DERWENT;		
			IBM TDB		

		100				
cops5 or stor\$4 or back(\$4()) or ((persistens) same (objects or repository or database))) and ((gad<-19991119) or (clients) same (database or repository or storage or modification or upprad64) and ((multiple or multi) adj3 (user5) or developer\$1 or clients1 or operator\$1 or author\$3()) and (gad<-1999119) or @rlad<-19991119)) and ((lapp\$4 or insert\$4 or mak\$3 or effect\$4) adj3 (modification or upgrad64) or changes or edit\$4 or cleition\$1()) meat6 (copy or clone\$1 or spare or didatabase or repository or storage or file\$1()) and (debug\$4 or test\$4 or modification or upgrad\$4 or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or storage or file\$1()) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or dathor\$3())) and ((link\$4 same editor) and topen same access\$3) and (handle same process\$4())) and (gad<-1999119) or @rlad<-1999119) or @rlad<-1999119) or @rlad<-1999119) or @rlad<-1999119) or ((upgrad\$4 or modification\$1 or patc\$4) and (link\$4 or bind\$4) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1()) and ((lapp\$4 or insert\$4 or mak\$3 or changes or edit\$4 or election\$1) or execut\$4() and (clift\$4 or processes or data or object\$1 or table\$1()) and ((lapp\$4 or insert\$4 or mak\$3 or changes or edit\$4 or election\$1) near6 (copy or clone\$1 or spare or or copies)) and ((multiple or multi) adj3 (user\$1 or database or nod (debug\$4) and (multiple or multi) adj3 (user\$1 or database or or or or or elector\$1 or database or or or or elector\$1 or database or or or or elector\$1 or database or or or or elector\$1 or database or or or or elector\$1 or developer\$1 or client\$1 or or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or or upgrad\$4) and (mu	-	18		USPAT;	2003/06/22	15:38
((persistens3) same (objects or repository or databases))) and ((@act=1991119) or IBM_TDB)) and (((persistens3) same (database or repository or storage or files1)) and ((debug\$4 or test\$4) or storage or files1)) and ((debug\$4 or test\$4) and ((multiple of client\$1] or operator\$1 or author\$3))) and ((appl\$4 or insert\$4 or mak\$3 or effect\$4) and; (modification or upgrad\$4 or changes or edit\$4 or deletion\$1)) and (((appl\$4 or insert\$4 or deletion\$1)) near6 (copy or clone\$1 or spare or copies))) not (((appl\$4 or insert\$4 or deletion\$1)) near6 (copy or clone\$1 or spare or copies))) not (((appl\$4 or test\$4 or deletion\$1)) and (database or repository or storage or files1)) and (debug\$4 or test\$4 or est\$4 or estis\$6 or or multiple or multiple or multiple or multiple or multiple or multiple or multiple or multiple or multiple or program or dediction and (pen same access\$3) and (handle same process\$41)) and (@acd=1991119) or ((((((dramanic\$5 ad)3 (link\$4 and execut\$4)) and (modif\$4 neat5 (code or program or instruction\$1 or file\$1))) or (((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4) and (spen same access\$3) and (smodification or upgrad\$4 or changes or edit\$4 or deletion\$1)) neat6 (copy or clone\$1 or spare or copies\$1)) and ((((((database or repository or storage) neat9 ((((((database or epict\$4)))) or ((((((database same (modifis\$5 or updat\$4)))) or ((((((database same (modifis\$5 or updat\$4)))) or ((((((database same (modifis\$5 or updat\$4)))) or ((((((database same (modifis\$5)))) or ((((((database same (modifis\$5)))) or ((((((database or repository)))) or ((((((database or repository)))) or ((((((database or epistory)))) or ((((((database or epistory))))) or ((((((database or epistory))))) or (((((((database or epistory)))))) or (((((((((database or epistory))))))) or (((((((((((((((((((((((((((((
or database])) and (@ad<-19991119 or @rlad<-1999119)) and ((persistens) same (database or repository or storage or files])) and (debugs4 or test\$4 or modification or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or data (data-19991119 or detabase or repository or storage or files)) and (data-19991119 or or data (data-19991119 or or data (data-19991119)) and (data-19991119 or or data (data-19991119)) and (data-19991119 or or data (database) or changes or edit\$4 or deletion\$1)) near\$6 (copy or clone\$1 or spare or copies))) not (((persistens\$3 same (database or repository or storage or files)) and (debug\$4 or test\$4 or modification or upgrad\$4) and (multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$3 or author\$3))) and (database or repository or storage or files\$1)) and (database or data (database)) and (ead-19991119 or griad<-19991119 or griad<-19991119 or griad<-19991119 or griad<-19991119 or ((((fifty)))) and ((((fifty))) and ((((fifty))) and (((((fifty)))) or (((((((((database or storage) near)))) or (((((((((((((((((((((((((((((((
Priad<-1991119 and (((persisten63 same (database or repository or storage or file81)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$31)) and (@ad<-1999119 or @riad<-1999119)) and (((app)\$4 or insert\$4 or max\$3 or effect\$4) adj3 (modification of upgrad\$4 sefect\$4) adj3 (modification of upgrad\$4 sefect\$6) adj3 (modification of upgrad\$4 or copies)) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$31)) and ((linx\$4 same editor) and (open same access\$3) and (handle same process\$41)) and (@ad=1999119 or @riad<-1999119)) or ((((((dynamic\$5 adj3 (inix\$4 and execut\$4)) and (modifi\$4 neat5 (code or program or instruction\$1 or patch\$4] and (modifi\$4 neat5 (code or program or instruction\$1 or patch\$4] and ((app)\$4 or modification\$1 or patch\$4] (program or code or file\$1) or processes or data or object\$1 or tabases or storage) neat3 (program or code or file\$1 or processes or data or object\$1 or tabases or storage) neat3 (program or code or file\$1 or processes or data or object\$1 or tabases or storage) neat3 (program or code or file\$1 or processes or data or object\$3 or database or repository or database or storage) neat3 (program or code or file\$1 or processes or data or object\$1 or tabase\$1)) and ((((persisten\$3 same (objects or repository or database or repository or database or repository or database or repository or database or repository or database or repository or database or repository or database or repositors or or elent\$1 or operator\$1 or enthor\$3)) and (((app)\$4 or ((app)\$4 or ((app)\$4 or ((app)\$4)) and ((app)\$4 or ((app)\$4)) and ((app)\$4 or ((app)\$4)) and ((app)\$4)) and ((app)\$4) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$4)) and ((app)\$				1		
(database or repository or storage or file31) and (debug34 or test34 or modification or upgrad34) and (funitiple or multi) adj3 (user51 or developes) or client31 or operators1 or author\$31)) and (Bead-1993119) or \$f1adc-1993119)) and (Bead-1993119) or \$f1adc-1993119)) and (Bead-1993119) or \$f1adc-1993119)) and (Bead-1993119) or \$f1adc-1993119) and (Bead-1993119) or \$f1adc-1993119) and (Bead-1993119) or \$f1adc-1993119) and (Bead-1993119) or \$f1adc-1993119) and (Bead-1993119) or \$f1adc-1993119) or copies)) not ((((persisten33 same) (database or repository or storage or file31)) and (debug34 or test34 or modification or upgrad34) and (funitiple or mult) adj3 (user51 or developes31 or client\$1 or operator\$1 or author\$31)) and ((lint\$4 same editor) and (open same access\$3) and (handle same process\$41)) or ((((((dynamic\$5 adj3 (lint\$4) and execut\$4)) and (modif\$4 neat\$ (code or program or instruction\$1 or file\$1)) or ((upgrad\$4 or modification\$1 or patch\$4) and (lint\$4 or bin\$44) and ((((app34)4 or modification\$1 or patch\$4) and (((app34)4 or modification\$1) or ((upgrad\$4 or modification\$1) or ((upgrad\$4 or modification\$1) or ((upgrad\$4 or modification\$1)) or ((upgrad\$4 or modification\$1) or ((upg184 or insert\$4 or max\$3 or effect\$4)) adj3 (modification or upgrad\$4 or changes or edit\$4 or deletion\$1)) or ((persisten\$3 same (objects or repository or database or repository or database))) and (((((database same (modif\$8) or updat\$4))) or (((persisten\$3 same (objects or repository or database))) and (((dynamic\$5 adj3 (lint\$4 and execut\$4))) or ((persisten\$3 same (objects or repository or database or repository or database or repository or database or repository or database or storage) near3 (program or code or file\$1) and (((dynamic\$5 adj3 (lint\$4) and execut\$4)) and (((alpha and (acces\$4)))) and (((alcha and execut\$4))) and (((alcha and execut\$4))) and ((alcha and execut\$4))) and ((alcha				IBM_TOB		
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<pre>copies))) and ((((((database same (modifi\$5 or updat\$4)) and (state near5 (preserv\$5 or cop\$5 or stor\$4 or back\$4))) or ((persisten\$3 same (objects or repository or database)))) and (@ad<=19991119 or @rlad<=19991119)) and (((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and (@ad<=19991119 or @rlad<=19991119))) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (modifi\$4 near\$ (code or program or instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((1ink\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@dd<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4</pre>						
<pre>(modifis5 or updats4)) and (state near5 (preserv\$5 or cop\$5 or stor\$4 or back\$4))) or ((persisten\$3 same (objects or repository or database)))) and (@ad<=19991119 or @rlad<=19991119) and ((ipersisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and (@ad<=19991119 or @rlad<=19991119))) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (modifi\$4 near5 (code or program or instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4</pre>						
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or ((persisten\$3 same (objects or repository or database)))) and (@ad<=19991119 or @rlad<=19991119)) and (((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (modifi\$4 near5 (code or program or instruction\$1 or file\$1)) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)))) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((multiple or multi) adj3 (user\$1 or dateloper\$1 or client\$1 or operator\$1 or author\$3)) and ((link\$4 same editor) and (open same access\$3)) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119)))) and (debug\$4						
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upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and (@ad<=19991119 or @rlad<=19991119))) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (modifi\$4 near5 (code or program or instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same ((database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4)) and (@ad<=19991119 or @rlad<=19991119)))) and (dynamic\$5 same link\$4) and (debug\$4						1
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operator\$1 or author\$3))) and (@ad<=19991119 or @rlad<=19991119))) and (((dynamic\$5 adj3 (link\$4 and execut\$4)) and (modifi\$4 near5 (code or program or instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4						i
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and (modifi\$4 near5 (code or program or instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119)))) and (dynamic\$5 same link\$4) and (debug\$4						
instruction\$1 or file\$1))) or ((upgrad\$4 or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1)))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4						
or modification\$1 or patch\$4) and (link\$4 or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4		ļ				
or bind\$4)) and ((repository or database or storage) near3 (program or code or file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4		i				
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file\$1 or processes or data or object\$1 or table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4						
table\$1))))) not ((((persisten\$3 same (database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4	İ					
<pre>(database or repository or storage or file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4</pre>						
file\$1)) and (debug\$4 or test\$4 or modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4	İ					
modification or upgrad\$4) and ((multiple or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119))) and (dynamic\$5 same link\$4) and (debug\$4						
or multi) adj3 (user\$1 or developer\$1 or client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119)))) and (dynamic\$5 same link\$4) and (debug\$4	j			į		
client\$1 or operator\$1 or author\$3))) and ((link\$4 same editor) and (open same access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119)))) and (dynamic\$5 same link\$4) and (debug\$4	ļ			İ		
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access\$3) and (handle same process\$4))) and (@ad<=19991119 or @rlad<=19991119)))) and (dynamic\$5 same link\$4) and (debug\$4						
and (dynamic\$5 same link\$4) and (debug\$4						
	ļ			ļ		
or edit\$4)	İ					
			or edit\$4)			

-	54	(((((((database same (modifi\$5 or	USPAT;	2003/06/22 15:39
		updat\$4)) and (state near5 (preserv\$5 or	US-PGPUB;	
		cop\$5 or stor\$4 or back\$4))) or	EPO; JPO;	
		((persisten\$3 same (objects or repository	DERWENT;	
	1	or database)))) and (@ad<=19991119 or	IBM TDB	
		@rlad<=19991119)) and (((persisten\$3 same	_	
		(database or repository or storage or		
		file\$1)) and (debug\$4 or test\$4 or		
		modification or upgrad\$4) and ((multiple		
		or multi) adj3 (user\$1 or developer\$1 or		1
		client\$1 or operator\$1 or author\$3))) and		
		(@ad<=19991119 or @rlad<=19991119))) and		
		(((appl\$4 or insert\$4 or mak\$3 or		i
		effect\$4) adj3 (modification or upgrad\$4		
		or changes or edit\$4 or deletion\$1))		
		near6 (copy or clone\$1 or spare or	•]
		copies))) not ((((persisten\$3 same		
		(database or repository or storage or		
		file\$1)) and (debug\$4 or test\$4 or		Į
		modification or upgrad\$4) and ((multiple		
		or multi) adj3 (user\$1 or developer\$1 or		
		client\$1 or operator\$1 or author\$3))) and		
		((link\$4 same editor) and (open same		
]		access\$3) and (handle same process\$4)))		
		and (@ad<=19991119 or @rlad<=19991119)))		
		or (((((dynamic\$5 adj3 (link\$4 and		1
		execut\$4)) and (modifi\$4 near5 (code or		
		program or instruction\$1 or file\$1))) or		
		((upgrad\$4 or modification\$1 or patch\$4)		
		and (link\$4 or bind\$4)) and		
		((repository or database or storage) near3		
	·	(program or code or file\$1 or processes or		
		data or object\$1 or table\$1))) and		
		(((appl\$4 or insert\$4 or mak\$3 or		
	•	effect\$4) adj3 (modification or upgrad\$4		
		or changes or edit\$4 or deletion\$1))		
		near6 (copy or clone\$1 or spare or		
		copies))) and (((((database same		İ
		(modifi\$5 or updat\$4)) and (state near5		
		(preserv\$5 or cop\$5 or stor\$4 or back\$4)))		
		or ((persisten\$3 same (objects or		
		repository or database)))) and		
		(@ad<=19991119 or @rlad<=19991119)) and		
		(((persisten\$3 same (database or		
		repository or storage or file\$1)) and		
		(debug\$4 or test\$4 or modification or		
		upgrad\$4) and ((multiple or multi) adj3		
		(user\$1 or developer\$1 or client\$1 or		
		operator\$1 or author\$3))) and		
		(@ad<=19991119 or @rlad<=19991119))) and		
		(((dynamic\$5 adj3 (link\$4 and execut\$4))		
		and (modifi\$4 near5 (code or program or		
		<pre>instruction\$1 or file\$1))) or ((upgrad\$4</pre>		
		or modification\$1 or patch\$4) and (link\$4		
		or bind\$4)) and ((repository or database		
		or storage) near3 (program or code or		
		file\$1 or processes or data or object\$1 or		
		table\$1))))) not ((((persisten\$3 same		
		(database or repository or storage or		
		file\$1)) and (debug\$4 or test\$4 or		
		modification or upgrad\$4) and ((multiple		
		or multi) adj3 (user\$1 or developer\$1 or		
		client\$1 or operator\$1 or author\$3))) and		
		((link\$4 same editor) and (open same		
		access\$3) and (handle same process\$4)))		
		and (@ad<=19991119 or @rlad<=19991119))))		
		and (@ad<=19991119 or @rlad<=19991119)		· !
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-	18	(((((((database same (modifi\$5 or	USPAT;	2003/06/22 18:18
		updat\$4)) and (state near5 (preserv\$5 or	US-PGPUB;	
		cop\$5 or stor\$4 or back\$4))) or	EPO; JPO;	
		((persisten\$3 same (objects or repository	DERWENT;	
		or database)))) and (@ad<=19991119 or	IBM TDB	
		<pre>@rlad<=19991119)) and (((persisten\$3 same</pre>	_	
		(database or repository or storage or		
		file\$1)) and (debug\$4 or test\$4 or		
		modification or upgrad\$4) and ((multiple		
		or multi) adj3 (user\$1 or developer\$1 or		
	1	<pre>client\$1 or operator\$1 or author\$3))) and</pre>		
		(@ad<=19991119 or @rlad<=19991119))) and		
		(((appl\$4 or insert\$4 or mak\$3 or		·
		effect\$4) adj3 (modification or upgrad\$4		
		or changes or edit\$4 or deletion\$1))		
		near6 (copy or clone\$1 or spare or		1
		copies))) not ((((persisten\$3 same		
	j	(database or repository or storage or		
		file\$1)) and (debug\$4 or test\$4 or		
		modification or upgrad\$4) and ((multiple		
		or multi) adj3 (user\$1 or developer\$1 or		
	1	client\$1 or operator\$1 or author\$3))) and		
	1	((link\$4 same editor) and (open same		
		access\$3) and (handle same process\$4)))		
		and (@ad<=19991119 or @rlad<=19991119)))		
		or (((((dynamic\$5 adj3 (link\$4 and		
		execut\$4)) and (modifi\$4 near5 (code or		
·		program or instruction\$1 or file\$1))) or		
	1			
		((upgrad\$4 or modification\$1 or patch\$4)		
	İ	and (link\$4 or bind\$4)) and		
	!	((repository or database or storage) near3		
		(program or code or file\$1 or processes or		
	I	data or object\$1 or table\$1))) and		
		(((appl\$4 or insert\$4 or mak\$3 or		
		effect\$4) adj3 (modification or upgrad\$4		
		or changes or edit\$4 or deletion\$1))		
		near6 (copy or clone\$1 or spare or		
		copies))) and (((((database same		
		<pre>(modifi\$5 or updat\$4)) and (state near5</pre>		
		(preserv\$5 or cop\$5 or stor\$4 or back\$4)))		
		or ((persisten\$3 same (objects or		
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		(@ad<=19991119 or @rlad<=19991119)) and		
•		(((persisten\$3 same (database or		
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		(debug\$4 or test\$4 or modification or		
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		(user\$1 or developer\$1 or client\$1 or		
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		(((dynamic\$5 adj3 (link\$4 and execut\$4))		
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